

FROM :

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Application No: 09/842,790 Docket No.: Q112-US1  
Rule 312 Amendment dated April 14, 2003

Page 2

Amendments to the Specification:

Please replace the paragraphs beginning at page 4, line 28 through page 5, line 13, with the following rewritten paragraphs:

--Attention is now directed to Figure 4 which illustrates the upper end of the battery case 12 in greater detail. Note that the peripheral wall 14 defines an inwardly extending annular shoulder 68 proximate to its upper end. Prior to inserting the electrode assembly 22 into the case 12, a dielectric ring, e.g., PFA, 70 is inserted into the interior case volume from the peripheral wall open lower end 18. The dielectric ring 70 defines a shoulder 72 which is seated flush against the annular shoulder 68. More specifically, the dielectric ring 70 is dimensioned so that its outer diameter 74 is press-fit against the inner diameter 76 at the upper end of the peripheral wall 14. The press-fit between the dielectric ring 70 and the inner surface of the peripheral wall 14 forms a seal preventing any leakage theretofast.

After the dielectric ring 70 is installed at the upper end of the peripheral wall 14, a metal ring 78, e.g., nickel, is inserted from the open lower end 18 of the peripheral wall and concentrically seated against the dielectric ring 70. More particularly, the outer surface 80 of ring 78 is press fit and seals against the inner surface 82 81 of dielectric ring 70. Moreover, shoulder 82 of metal ring 78 seats against shoulder 84 of dielectric ring 70. Note that the metal ring 78 defines an inwardly extending flange 86 having an upper surface 88.--

Please replace the paragraph page 5, last paragraph, with the following rewritten paragraph:

--After the lower open end of the casing 12 is sealed by the end cap 96, electrolyte can be inserted into the battery via the aforementioned central opening 90 in metal ring flange 86. A large end cap 100 defining an annular shoulder 102 is then sealed against annular shoulder 104 on metal ring 78. The end cap 100 defines a central opening 106, which is then sealed by minor end cap 108.--

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Amendments to the Drawings:

The attached drawing sheet 3/5 includes changes to Fig. 4. This sheet replaces the original sheet 3/5.

The attached drawing sheet 5/5 includes changes to FIG. 6. This sheet replaces the original sheet 5/5.

Attachment: Replacement Sheets 3/5 and 5/5